

## WEST Search History for Application 09870498

Creation Date: 2009010414:04

Query	DB	Op.	Plur.	Thes.	Date
ep-126556-\$.did.	EPAB	ADJ			04-27-2008
antimicrobial near5 peptide	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(amino acid sequence) near5 ("seq ID Number 1") (antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(amino acid sequence) near5 ("seq ID Number 1")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(hydrophobic resisues) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(hydrophobic) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(basic) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(histidine) near5 (amino acid)	PGPB, USPT,	ADJ			04-27-2008

	USOC, EPAB, JPAB, DWPI				
(glutamic acid) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(serine) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(tryptophan) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((hydrophobic) near5 (amino acid) ) same ((tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((serine) near5 (amino acid) ) same ((hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((glutamic acid) near5 (amino acid) ) same ((serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((histidine) near5 (amino acid) ) same ((glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008

((basic) near5 (amino acid) ) same ((histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((hydrophobic) near5 (amino acid) ) same ((basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(antimicrobial near5 peptide ) same ((hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((amino acid sequence) near5 ("seq ID Number 1" ) ) same (antimicrobial near5 peptide same (hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(ep-126556-\$.did. ) same ((hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(ep-126556-\$.did. ) same (antimicrobial near5 peptide same (hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(toxicity near5 low)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
animals and plant	PGPB, USPT, USOC,	ADJ			04-27-2008

	EPAB, JPAB, DWPI				
((toxicity near5 low) ) and (animals and plant )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(antimicrobial near5 peptide same (hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) ) and ((toxicity near5 low) and animals and plant )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
EP-1262556-A2.did.	EPAB	ADJ			04-27-2008
EP-1262556-A2.did.	EPAB	ADJ			04-27-2008
wo-2003233675-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
US-2003233675-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(CONSERVATIVE NEAR5 VARIANT)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(amino acid sequence)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(amino acid) near5 residue	PGPB, USPT,	ADJ			04-27-2008

	USOC, EPAB, JPAB, DWPI				
(amino acid) near5 sequence	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((amino acid) near5 residue ) same ((amino acid) near5 sequence )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((CONSERVATIVE NEAR5 VARIANT) ) same ((amino acid) near5 residue same (amino acid) near5 sequence )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((CONSERVATIVE NEAR5 VARIANT) ) same ((amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((amino acid) near5 sequence ) same ((CONSERVATIVE NEAR5 VARIANT) same (amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((amino acid sequence) near5 ("seq ID Number 1") ) same ((amino acid) near5 sequence same (CONSERVATIVE NEAR5 VARIANT) same (amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((CONSERVATIVE NEAR5 VARIANT) ) same ((amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008

((amino acid sequence) near5 ("seq ID Number 1") ) same ((CONSERVATIVE NEAR5 VARIANT) same (amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((amino acid sequence) near5 ("seq ID Number 1") ) and ((CONSERVATIVE NEAR5 VARIANT) same (amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
("seq ID Number 1")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(amino same acid) near5 basic	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(amino same acid) near5 hydrophobic	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
antimicrobial near5 peptide	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((amino same acid) near5 basic ) and (antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((amino same acid) near5 hydrophobic ) and ((amino same acid) near5 basic and antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB,	ADJ			04-27-2008

	JPAB, DWPI				
antimicrobial near5 (lytic near5 peptide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
us-5447914-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(antimicrobial near5 (lytic near5 peptide) ) same (us-5447914-\$.did. )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(antimicrobial near5 (lytic near5 peptide) ) and (us-5447914-\$.did. )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
antimicrobial and (lytic and peptide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(antimicrobial near5 peptide ) and (antimicrobial and (lytic and peptide) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((amino same acid) near5 basic and antimicrobial near5 peptide ) and (antimicrobial near5 peptide and antimicrobial and (lytic and peptide) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
		ADJ			04-27-2008

(antimicrobial near5 (lytic near5 peptide) ) and ((amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
(us-5447914-\$.did. ) and (antimicrobial near5 (lytic near5 peptide) and (amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
antimicrobial near5 peptide	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(us-5447914-\$.did. ) and (antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(antimicrobial near5 (lytic near5 peptide) and (amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) ) and (antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(us-5447914-\$.did. and antimicrobial near5 peptide ) and (antimicrobial near5 (lytic near5 peptide) and (amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) and antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
(us-5447914-\$.did. and antimicrobial near5 peptide and antimicrobial near5 (lytic near5 peptide) and (amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) and antimicrobial near5 peptide ) and @pd > 20071025	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			04-27-2008
((tryptophan tryptophan) or ("Trp" "Trp"))	PGPB, USPT	ADJ	YES		04-27-2008
antimicrobial same peptide		ADJ	YES		04-27-2008



	PGPB, USPT				
((trypthophan tryptophan) or ("Trp" "Trp")) ) same (antimicrobial same peptide )	PGPB, USPT	ADJ	YES		04-27-2008
(histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))	PGPB, USPT	ADJ	YES		04-27-2008
((trypthophan tryptophan) or ("Trp" "Trp")) same antimicrobial same peptide ) same ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) )	PGPB, USPT	ADJ	YES		04-27-2008
basic same ((amino acid) same residue)	PGPB, USPT	ADJ	YES		04-27-2008
hydrophobic same ((amino acid) same residue)	PGPB, USPT	ADJ	YES		04-27-2008
antimicrobial same peptide	PGPB, USPT	ADJ	YES		04-27-2008
(hydrophobic same ((amino acid) same residue) ) same (antimicrobial same peptide )	PGPB, USPT	ADJ	YES		04-27-2008
(hydrophobic same ((amino acid) same residue) ) same (antimicrobial same peptide )	PGPB, USPT	ADJ	YES		04-27-2008
(basic same ((amino acid) same residue) ) same (hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ	YES		04-27-2008
((trypthophan tryptophan) or ("Trp" "Trp")) ) same (basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ	YES		04-27-2008
(antimicrobial same peptide ) same (basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ	YES		04-27-2008
((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) ) same (antimicrobial same peptide same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ	YES		04-27-2008
((trypthophan tryptophan) or ("Trp" "Trp")) same antimicrobial same peptide same (histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) ) same ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) same antimicrobial same peptide same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ	YES		04-27-2008

(((tryptophan tryptophan) or ("Trp" "Trp"))) same antimicrobial same peptide same (histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) and ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) same antimicrobial same peptide same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ	YES		04-27-2008
((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) same antimicrobial same peptide same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide ) same (((tryptophan tryptophan) or ("Trp" "Trp"))) )	PGPB, USPT	ADJ	YES		04-27-2008
((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) same antimicrobial same peptide same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide ) same ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) )	PGPB, USPT	ADJ	YES		04-27-2008
(((tryptophan tryptophan) or ("Trp" "Trp")))	EPAB, JPAB, DWPI	ADJ	YES		04-27-2008
antimicrobial and peptide	EPAB, JPAB, DWPI	ADJ	YES		04-27-2008
hydrophobic and ((amino acid) same residue)	EPAB, JPAB, DWPI	ADJ	YES		04-27-2008
basic and ((amino acid) and (residue))	EPAB, JPAB, DWPI	ADJ	YES		04-27-2008
(histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))	EPAB, JPAB, DWPI	ADJ	YES		04-27-2008
(((tryptophan tryptophan) or ("Trp" "Trp"))) and ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) )	EPAB, JPAB, DWPI	ADJ	YES		04-27-2008
(antimicrobial and peptide ) and (((tryptophan tryptophan) or ("Trp" "Trp"))) and (histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) )	EPAB, JPAB, DWPI	ADJ	YES		04-27-2008
(hydrophobic and ((amino acid) same residue) ) and (basic and ((amino acid) and (residue))) )	EPAB, JPAB, DWPI	ADJ	YES		04-27-2008

(((tryptophan tryptophan) or ("Trp" "Trp")) and (histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) ) and (hydrophobic and ((amino acid) same residue) and basic and ((amino acid) and (residue))) )	EPAB, JPAB, DWPI	ADJ	YES		04-27-2008
60404335.pn.	USPT	ADJ	YES		04-27-2008
6040435.pn.	USPT	ADJ	YES		04-27-2008
ep-126556-\$.did.	EPAB	ADJ			01-04-2009
antimicrobial near5 peptide	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(amino acid sequence) near5 ("seq ID Number 1") (antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(amino acid sequence) near5 ("seq ID Number 1")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(hydrophobic resissues) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(hydrophobic) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(basic) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(histidine) near5 (amino acid)		ADJ			01-04-2009

	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
(glutamic acid) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(serine) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(tryptophan) near5 (amino acid)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((hydrophobic) near5 (amino acid) ) same ((tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((serine) near5 (amino acid) ) same ((hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((glutamic acid) near5 (amino acid) ) same ((serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((histidine) near5 (amino acid) ) same ((glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB,	ADJ			01-04-2009

	JPAB, DWPI				
((basic) near5 (amino acid) ) same ((histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((hydrophobic) near5 (amino acid) ) same ((basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(antimicrobial near5 peptide ) same ((hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((amino acid sequence) near5 ("seq ID Number 1" ) ) same (antimicrobial near5 peptide same (hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(ep-126556-\$.did. ) same ((hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(ep-126556-\$.did. ) same (antimicrobial near5 peptide same (hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(toxicity near5 low)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009

animals and plant	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((toxicity near5 low) ) and (animals and plant )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(antimicrobial near5 peptide same (hydrophobic) near5 (amino acid) same (basic) near5 (amino acid) same (histidine) near5 (amino acid) same (glutamic acid) near5 (amino acid) same (serine) near5 (amino acid) same (hydrophobic) near5 (amino acid) same (tryptophan) near5 (amino acid) ) and ((toxicity near5 low) and animals and plant )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
EP-1262556-A2.did.	EPAB	ADJ			01-04-2009
EP-1262556-A2.did.	EPAB	ADJ			01-04-2009
wo-2003233675-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
US-2003233675-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(CONSERVATIVE NEAR5 VARIANT)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(amino acid sequence)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009

(amino acid) near5 residue	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(amino acid) near5 sequence	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((amino acid) near5 residue ) same ((amino acid) near5 sequence )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((CONSERVATIVE NEAR5 VARIANT) ) same ((amino acid) near5 residue same (amino acid) near5 sequence )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((CONSERVATIVE NEAR5 VARIANT) ) same ((amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((amino acid) near5 sequence ) same ((CONSERVATIVE NEAR5 VARIANT) same (amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((amino acid sequence) near5 ("seq ID Number 1" ) ) same ((amino acid) near5 sequence same (CONSERVATIVE NEAR5 VARIANT) same (amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((CONSERVATIVE NEAR5 VARIANT) ) same ((amino acid) near5 residue )	PGPB, USPT, USOC, EPAB,	ADJ			01-04-2009

	JPAB, DWPI				
((amino acid sequence) near5 ("seq ID Number 1") ) same ((CONSERVATIVE NEAR5 VARIANT) same (amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((amino acid sequence) near5 ("seq ID Number 1") ) and ((CONSERVATIVE NEAR5 VARIANT) same (amino acid) near5 residue )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
("seq ID Number 1")	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(amino same acid) near5 basic	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(amino same acid) near5 hydrophobic	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
antimicrobial near5 peptide	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((amino same acid) near5 basic ) and (antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
		ADJ			01-04-2009



((amino same acid) near5 hydrophobic ) and ((amino same acid) near5 basic and antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI				
antimicrobial near5 (lytic near5 peptide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
us-5447914-\$.did.	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(antimicrobial near5 (lytic near5 peptide) ) same (us-5447914-\$.did. )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(antimicrobial near5 (lytic near5 peptide) ) and (us-5447914-\$.did. )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
antimicrobial and (lytic and peptide)	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(antimicrobial near5 peptide ) and (antimicrobial and (lytic and peptide) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((amino same acid) near5 basic and antimicrobial near5 peptide ) and (antimicrobial near5 peptide and antimicrobial and (lytic and peptide) )	PGPB, USPT, USOC, EPAB,	ADJ			01-04-2009

	JPAB, DWPI				
(antimicrobial near5 (lytic near5 peptide) ) and ((amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(us-5447914-\$.did. ) and (antimicrobial near5 (lytic near5 peptide) and (amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
antimicrobial near5 peptide	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(us-5447914-\$.did. ) and (antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(antimicrobial near5 (lytic near5 peptide) and (amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) ) and (antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(us-5447914-\$.did. and antimicrobial near5 peptide ) and (antimicrobial near5 (lytic near5 peptide) and (amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) and antimicrobial near5 peptide )	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
(us-5447914-\$.did. and antimicrobial near5 peptide and antimicrobial near5 (lytic near5 peptide) and (amino same acid) near5 basic and antimicrobial near5 peptide and antimicrobial near5 peptide and antimicrobial and (lytic and peptide) and antimicrobial near5 peptide ) and @pd > 20071025	PGPB, USPT, USOC, EPAB, JPAB, DWPI	ADJ			01-04-2009
((tryptophan tryptophan) or ("Trp" "Trp"))		ADJ			01-04-2009

	PGPB, USPT				
antimicrobial same peptide	PGPB, USPT	ADJ			01-04-2009
((((tryptophan tryptophan) or ("Trp" "Trp"))) same (antimicrobial same peptide )	PGPB, USPT	ADJ			01-04-2009
(histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))	PGPB, USPT	ADJ			01-04-2009
((((tryptophan tryptophan) or ("Trp" "Trp"))) same antimicrobial same peptide ) same ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) )	PGPB, USPT	ADJ			01-04-2009
basic same ((amino acid) same residue)	PGPB, USPT	ADJ			01-04-2009
hydrophobic same ((amino acid) same residue)	PGPB, USPT	ADJ			01-04-2009
antimicrobial same peptide	PGPB, USPT	ADJ			01-04-2009
(hydrophobic same ((amino acid) same residue) ) same (antimicrobial same peptide )	PGPB, USPT	ADJ			01-04-2009
(hydrophobic same ((amino acid) same residue) ) same (antimicrobial same peptide )	PGPB, USPT	ADJ			01-04-2009
(basic same ((amino acid) same residue) ) same (hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ			01-04-2009
((((tryptophan tryptophan) or ("Trp" "Trp"))) same (basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ			01-04-2009
(antimicrobial same peptide ) same (basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ			01-04-2009
((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) same (antimicrobial same peptide same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ			01-04-2009
((((tryptophan tryptophan) or ("Trp" "Trp"))) same antimicrobial same peptide same (histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) same ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) same antimicrobial same peptide	PGPB, USPT	ADJ			01-04-2009

same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )					
(((tryptophan tryptophan) or ("Trp" "Trp")) same antimicrobial same peptide same (histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) ) and ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) same antimicrobial same peptide same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide )	PGPB, USPT	ADJ			01-04-2009
((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) same antimicrobial same peptide same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide ) same (((tryptophan tryptophan) or ("Trp" "Trp")) )	PGPB, USPT	ADJ			01-04-2009
((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) same antimicrobial same peptide same basic same ((amino acid) same residue) same hydrophobic same ((amino acid) same residue) same antimicrobial same peptide ) same ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) )	PGPB, USPT	ADJ			01-04-2009
(((tryptophan tryptophan) or ("Trp" "Trp"))	EPAB, JPAB, DWPI	ADJ			01-04-2009
antimicrobial and peptide	EPAB, JPAB, DWPI	ADJ			01-04-2009
hydrophobic and ((amino acid) same residue)	EPAB, JPAB, DWPI	ADJ			01-04-2009
basic and ((amino acid) and (residue))	EPAB, JPAB, DWPI	ADJ			01-04-2009
(histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))	EPAB, JPAB, DWPI	ADJ			01-04-2009
(((tryptophan tryptophan) or ("Trp" "Trp")) ) and ((histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) )	EPAB, JPAB, DWPI	ADJ			01-04-2009
(antimicrobial and peptide ) and (((tryptophan tryptophan) or ("Trp" "Trp")) and (histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser")) )	EPAB, JPAB, DWPI	ADJ			01-04-2009

(hydrophobic and ((amino acid) same residue) ) and (basic and ((amino acid) and (residue))) )	EPAB, JPAB, DWPI	ADJ			01-04-2009
(((tryptophan tryptophan) or ("Trp" "Trp")) and (histidine or serine or (glutamic acid) or ("His") or ("Glu") or ("Ser"))) ) and (hydrophobic and ((amino acid) same residue) and basic and ((amino acid) and (residue))) )	EPAB, JPAB, DWPI	ADJ			01-04-2009
60404335.pn.	USPT	ADJ			01-04-2009
6040435.pn.	USPT	ADJ			01-04-2009
("20") same (maximum residues)	PGPB, USPT	ADJ	YES		01-04-2009
((("20") same (maximum residues) ) same (basic and ((amino acid) and (residue))) )	PGPB, USPT	ADJ	YES		01-04-2009
basic same ((amino acid) same (residue))	PGPB, USPT	ADJ	YES		01-04-2009
antimicrobial same peptide	PGPB, USPT	ADJ	YES		01-04-2009
hydrophobic same ((amino acid) same residue)	PGPB, USPT	ADJ	YES		01-04-2009
((("20") same (maximum residues) ) same (hydrophobic same ((amino acid) same residue) )	PGPB, USPT	ADJ	YES		01-04-2009
((("20") same (maximum residues) ) same (antimicrobial same peptide )	PGPB, USPT	ADJ	YES		01-04-2009
((("20") same (maximum residues) ) same (basic same ((amino acid) same (residue))) )	PGPB, USPT	ADJ	YES		01-04-2009
((("20") same (maximum residues) ) and (basic same ((amino acid) same (residue))) )	PGPB, USPT	ADJ	YES		01-04-2009
((("20") same (maximum residues) ) and (antimicrobial same peptide )	PGPB, USPT	ADJ	YES		01-04-2009
((amino acid) same residue)	PGPB, USPT	ADJ	YES		01-04-2009
((("20") same (maximum residues) ) same (((amino acid) same residue) )	PGPB, USPT	ADJ	YES		01-04-2009
("20") same ((maximum) same (amino acid) residues)	PGPB, USPT	ADJ	YES		01-04-2009
(basic same ((amino acid) same (residue))) ) same ((("20") same ((maximum) same (amino acid) residues) )	PGPB, USPT	ADJ	YES		01-04-2009
		ADJ	YES		01-04-2009

(antimicrobial same peptide ) same (basic same ((amino acid) same (residue)) same ("20") same ((maximum) same (amino acid) residues) )	PGPB, USPT				
(hydrophobic same ((amino acid) same residue) ) same (basic same ((amino acid) same (residue)) same ("20") same ((maximum) same (amino acid) residues) )	PGPB, USPT	ADJ	YES		01-04-2009
(antimicrobial same peptide ) and (basic same ((amino acid) same (residue)) same ("20") same ((maximum) same (amino acid) residues) )	PGPB, USPT	ADJ	YES		01-04-2009
(( "20" ) same ((maximum) same (amino acid) residues) ) and (antimicrobial same peptide and basic same ((amino acid) same (residue)) same ("20") same ((maximum) same (amino acid) residues) )	PGPB, USPT	ADJ	YES		01-04-2009